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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/568,487	09/26/2006	Toshimasa Miyabe	90606.145/ym	2333

54071 7590 12/23/2008  
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EXAMINER
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WILLIAMS, MAURICE L

ART UNIT	PAPER NUMBER
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3611

NOTIFICATION DATE	DELIVERY MODE
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12/23/2008

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

JKEATING@KBIPLAW.COM  
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<b>Office Action Summary</b>	<b>Application No.</b> 10/568,487	<b>Applicant(s)</b> MIYABE, TOSHIMASA	
	<b>Examiner</b> MAURICE WILLIAMS	<b>Art Unit</b> 3611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 September 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 19-37 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 19-37 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 September 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>2/14/06</u>   | 6) <input type="checkbox"/> Other: _____                          |

Art Unit: 3611

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 19-37 are objected to because of the following informalities: The use of the word 'type' should be removed from the claims for clarity. See MPEP 2173.05(b). Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 19-36 rejected under 35 U.S.C. 102(b) as being anticipated by Horii et al. (US 6,253,868). Horii discloses a saddle riding vehicle comprising:

Art Unit: 3611

a head pipe (**3**);

a body frame including a mainframe (**5**) that extends obliquely downward to the rear of the vehicle and a pair of subframes (**40, 50**), which are bent convexly downward (see Fig. 3, subframes are part of **33**), that are connected to the mainframe;

a motor (**8**) supported by and suspended from the mainframe and subframes (Fig. 2) in two locations;

wherein a connecting portion of the mainframe and subframes is located ahead of a portion of the mainframe supporting the motor (Fig. 2);

and a cross sectional area of the mainframe changes in the longitudinal direction (Fig. 3), such that the forward end is larger than the rear end;

wherein both a portion of the motor and the rear arms (**14**) are supported at rear ends of the subframes (Fig. 1);

rear side frames (Fig. 2, represented by hidden lines) extending upward to the rear of the vehicle and connected to the subframes, and the motor is supported in a location adjacent to that connection.

Horii also internal combustion engine (col. 2, ln. 63-67) with an air cleaner (**10**) and crankcase (**13**) and a cylinder that extends obliquely upward to the front of the vehicle (Fig. 2), in addition to left and right brackets (**21L, R**) and a pivot shaft (**15**) which penetrates through the brackets, rear arms and the motor.

Art Unit: 3611

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 37 is rejected under 35 U.S.C. 103(a) as being unpatentable over Horii in view of Imani (US 4,445,585). Horii discloses as discussed above, in addition to an air cleaner (**10**), but does not directly disclose a battery. Imani discloses a motorcycle with a battery (**53**). Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention to modify Horii as taught by Imani in order to provide a source of power for the vehicle.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Uneta (789), Nagashii (658), Yokomizo (157), Okabe (334), Miyahsiro (852), Yamigawa (677), Kurayoshi (869), and Kishi (555).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MAURICE WILLIAMS whose telephone number is (571)272-4263. The examiner can normally be reached on Monday - Friday, 8 a.m. - 5 p.m..

Art Unit: 3611

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Dickson can be reached on (571) 272-6669. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Maurice Williams/  
Examiner, Art Unit 3611

Maurice Williams  
Examiner  
Art Unit 3611

MLW  
December 17, 2008

/Paul N. Dickson/  
Supervisory Patent Examiner, Art Unit 3600